ROLEC®

Our passion is enclosures.

aluKOM

aluKOM is a watertight IP66 enclosure made from diecast aluminium which has gone on to become the global standard since its introduction. Originally developed as a terminal enclosure, it is ideal for mounting all types of electronic and electrical components.

The large range of sizes is suitable for many different applications. aluKOM is also available with an EMC gasket. Threaded screw bosses are provided in the base for fitting circuit boards, terminal rails, mounting plates etc. Compatible cable glands and accessories are also available.

We can supply aluKOM enclosures fully customised to your requirements.

Enclosure sizes
24 sizes

Dimensions: L x W x H

50 x 45 x 30mm to 600 x 310 x 110mm

Additional info
Compatible with available standard products

Wide variety of accessories

Optional: EMC model also available

Enclosure
Die-cast aluminium

EN AC 44300/EN AC-44200 (DIN EN 1706)

1° mould slope for casting ejection > internal circumference dimensions decrease by 1° towards enclosure bottom.

Fastening
Separate screw channels, fastening brackets available as accessories

Internal mounting
M4/M6 fastening thread in lateral bars on the enclosure base

Ingress protection
IP 66 / EN 60529

Gasket
Chloroprene O-ring gasket (CR), temperature resistance: -30°C to +90°C

or: TPE moulded gasket, silicone-free, temperature resistance: -40°C to +120°C

Optional: Silicone gasket, temperature resistance: -50°C to +140°C

Lid screws
Stainless steel 1.4567, captive

Surface
Powder coating, pebble grey RAL 7032

Optional: Special colours

Optional: Corrosion protection

Customising
Learn more about our full customising service for installation-ready enclosures

Dimensions

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	106.060.000	aluKOM AK 060	50	45	30	IP 66/EN 60529		Shielding, Corrosion proof coating, Silicon-gasket
	106.061.000	aluKOM AK 061	58	64	36	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Silicon-gasket, Shielding, Corrosion proof coating
	106.062.000	aluKOM AK 062	98	64	36	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Silicon-gasket, Shielding, Corrosion proof coating
	106.063.000	aluKOM AK 063	150	64	36	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Silicon-gasket, Shielding, Corrosion proof coating
	106.081.000	aluKOM AK 081	75	80	57	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, Silicon-gasket, Shielding, Corrosion proof coating
	106.082.000	aluKOM AK 082	125	80	57	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, Silicon-gasket, Shielding, Corrosion proof coating
	106.083.000	aluKOM AK 083	175	80	57	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, Silicon-gasket, Shielding, Corrosion proof coating
	106.084.000	aluKOM AK 084	250	80	57	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Silicon-gasket, Shielding, Corrosion proof coating
	106.120.000	aluKOM AK 120	122	120	81	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.121.000	aluKOM AK 121	122	120	91	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.122.000	aluKOM AK 122	220	120	81	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating

Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	106.123.000	aluKOM AK 123	220	120	91	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.124.000	aluKOM AK 124	360	120	81	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.161.000	aluKOM AK 161	160	160	90	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.162.000	aluKOM AK 162	260	160	90	IP 66/EN 60529	Designed gasket	Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.163.000	aluKOM AK 163	360	160	90	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.164.000	aluKOM AK 164	560	160	90	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.231.000	aluKOM AK 231	200	230	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.232.000	aluKOM AK 232	280	230	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.233.000	aluKOM AK 233	330	230	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.234.000	aluKOM AK 234	400	230	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating

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Photo	Part-No.	Type	Length	Width	Height	Ingress protection	Gasket	Available Options
	106.235.000	aluKOM AK 235	600	230	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.311.000	aluKOM AK 311	402.5	310	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating
	106.312.000	aluKOM AK 312	600	310	110	IP 66/EN 60529		Supporting rail for series terminals, Mounting plates, Internal hinges, External mounting brackets, Silicon-gasket, Hinges, Shielding, Corrosion proof coating